

## INTERNATIONAL SEARCH REPORT

Int'l	Application No
PCT/EP2004/013573	

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	F02F1/10	B22D19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED		
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Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F02F B22D F16J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13, 30 November 1998 (1998-11-30) -& JP 10 220278 A (TOYOTA MOTOR CORP), 18 August 1998 (1998-08-18) abstract; figures 2,4,5 -----	1,3
A	DE 197 55 557 C1 (VAW ALUCAST GMBH, 66763 DILLINGEN, DE) 4 February 1999 (1999-02-04) column 3, line 35 - column 3, line 66 -----	4,5
X	US 5 445 210 A (BRASSELL ET AL) 29 August 1995 (1995-08-29) column 5, lines 30,31; figures 1,8 -----	1,3
A	----- -/-	2

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

5 April 2005

Date of mailing of the International search report

15/04/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 794 884 A (HILKER ET AL) 3 January 1989 (1989-01-03) column 2, line 63 - column 3, line 5; figures ----- PATENT ABSTRACTS OF JAPAN vol. 013, no. 420 (M-872), 19 September 1989 (1989-09-19) & JP 01 157755 A (MAZDA MOTOR CORP), 21 June 1989 (1989-06-21) abstract -----	1,2
A		1,2

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

Inte - ial Application No

PCT/EP2004/013573

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 10220278	A	18-08-1998	NONE			
DE 19755557	C1	04-02-1999	NONE			
US 5445210	A	29-08-1995	NONE			
US 4794884	A	03-01-1989	DE GB	3629672 A1 2194588 A ,B		10-03-1988 09-03-1988
JP 01157755	A	21-06-1989	NONE			